



# Pier Surveys and Removal

Hunters Point Naval Shipyard  
BRAC Cleanup Team Meeting  
March 24, 2011

Navy Contractor: ERS Joint Venture



# BCT Discussion Overview

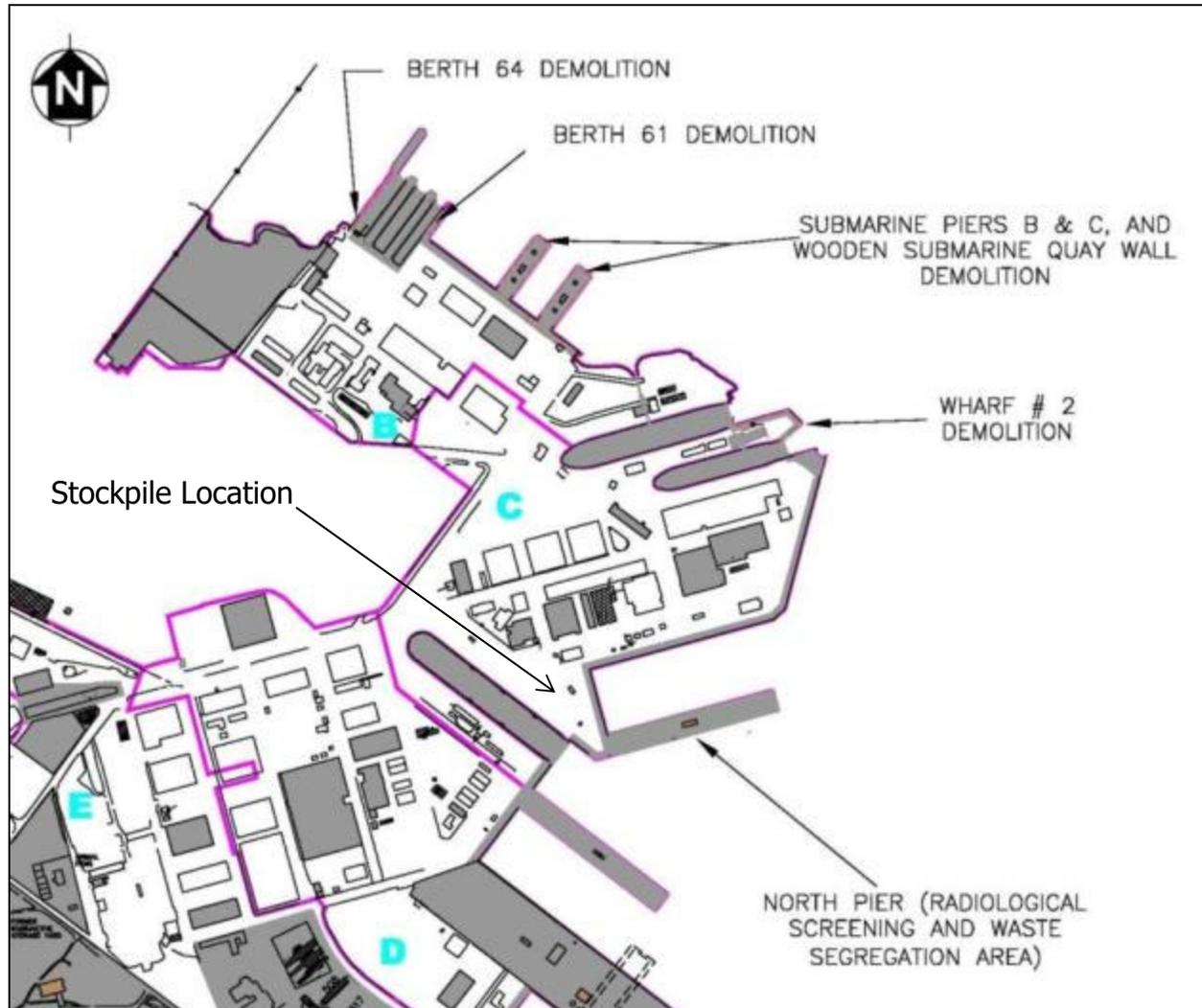


- Map of Work Areas
- Scope of Work and Status Update
- Field Activities Update
- Project Schedule





# Map of Work Areas





# Scope of Work and Status Update



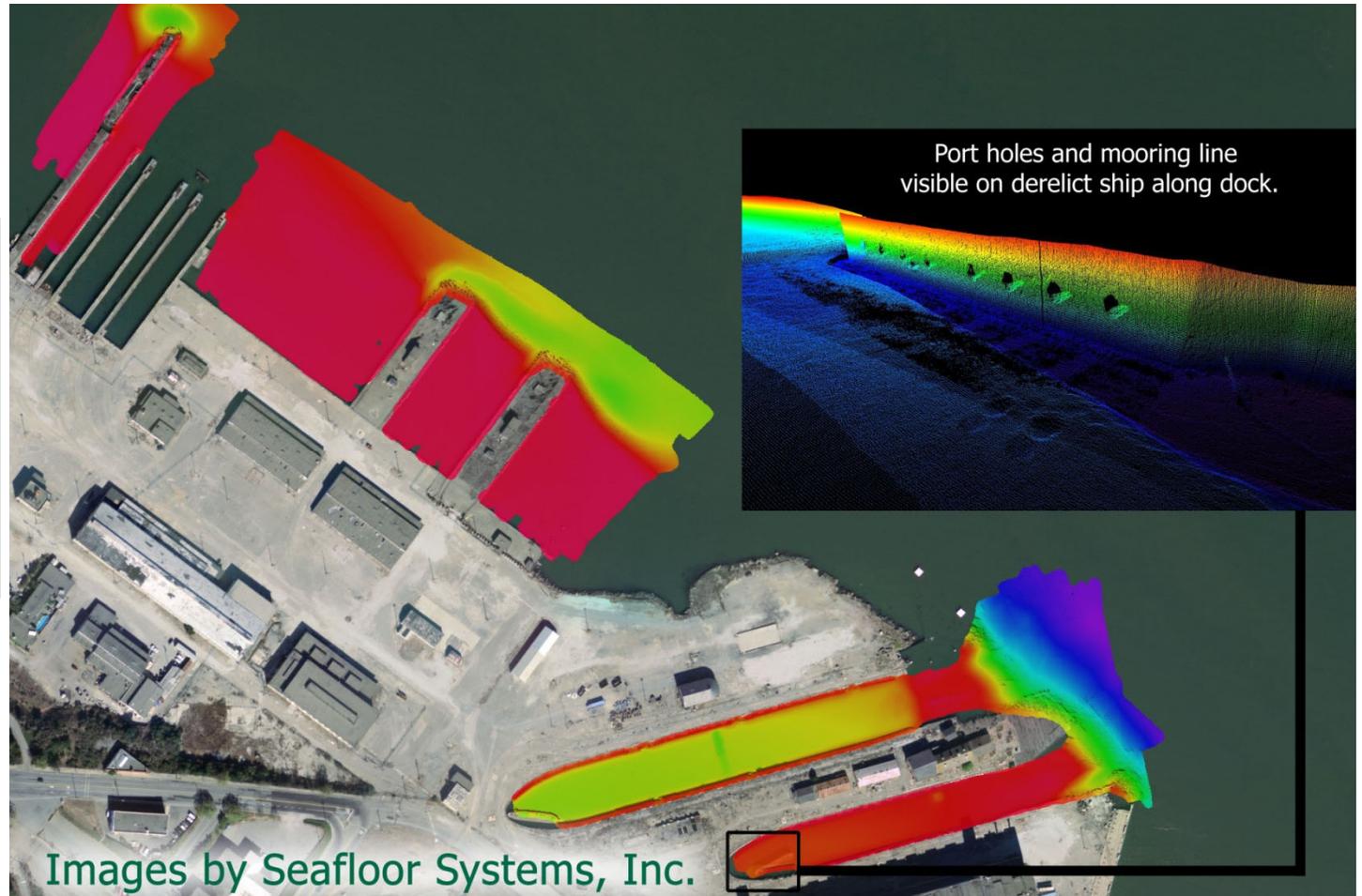
- Planning
  - Workplan – Final Pier Demolition Work Plan Approved
- Pre-Demolition Activities
  - Pre-Demolition Surveys complete
  - Equipment mobilized the week of March 14th
- Pier Demolition Activities
  - Demolition and Radiological Screening activities started Tuesday of this week
- Post-Demolition Activities
  - Post-Demolition Surveys
  - Equipment Decontamination (if necessary)
  - Removal Action Completion Report (RACR) Preparation



# Field Activities: Pre-Demolition Survey



Multi-beam  
survey of work  
areas with  
example  
seafloor  
modeling





# Field Activities: Boom Deployment



Debris/Environmental boom deployment for debris containment





# Field Activities: Radiological As-found Survey



Stormwater  
BMPs around  
entire North Pier  
laydown area

Radiological as-  
found survey of  
North Pier  
laydown area





## Field Activities: Work Barge



Demolition work barge equipped with demolition equipment fitted with different attachments for grabbing and scooping





# Field Activities: Wharf 2 Demolition Activities



Demolition work barge in the foreground and material barge in the background

Work skiff to perform water quality monitoring

Debris/environmental boom to capture floating debris





# Field Activities: Material Staging



Material staged  
for radiological  
screening





# North Pier Debris Processing





# Project Schedule



- **Mobilization:** Week of March 14<sup>th</sup>
- **Demolition Activities Start:** Week of March 21<sup>st</sup>
- **Anticipated De-mobilization:** September 2011
- **Project Completion:** February 2012 – Final Rept.



# QUESTIONS ?